

NOVEMBER/DECEMBER 2025

23UEDA53C — CRYPTOGRAPHY

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Expand: OSI.
2. Write two Security Attacks.
3. What is Encryption?
4. What is Stenography?
5. What is DES?
6. Expand RSA.
7. Write a short note on IP Security?
8. Expand SSL and TSL.
9. What is Intruders?
10. What is Firewall?





SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Discuss about OSI Security Architecture.

Or

- (b) Write a short note on Security attacks.

12. (a) Discuss Symmetric Cipher Model.

Or

- (b) Explain about Rotor Machines.

13. (a) Write a note on Strength of DES.

Or

- (b) Explain in details about Block Cipher Principles.

14. (a) Describe the concept of Authentication Header.

Or

- (b) Write about Transport layer security.

15. (a) Discuss the concept of Malicious Software.

Or

- (b) Describe about Password Management.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain in details about Security Services.

17. Discuss -in-details about Caesar Cipher.

18. Explain in detail RSA Algorithm.

19. Write a detail note on Web Security.

20. Describe about types of Firewalls.

